

Theme	Water Stewardship
Title	Impact Assessment of Watershed Development Programme in collaboration with NABARD
State (s)	Andhra Pradesh
District (s)	Guntur and Prakasam
Evaluation Agency	IFMR LEAD
Period of Study	December – May 2018
<u>Executive Summary</u>	
<p>Objective(s):</p> <p>Assessment of the watershed development programme, implemented in collaboration with NABARD, in terms of impact on soil and moisture regime, agricultural productivity, social equity and inclusion and sustainable community based institutions.</p> <p>Key Findings:</p> <ol style="list-style-type: none"> 1. The project areas showed a significant improvement in crop productivity and diversity. Additionally, there were significant impacts on the ecology of the region through afforestation and soil conservation measures. 2. Yield improvement in Chili - 15% higher yield over control in Guntur; Tobacco – 25% higher yield over control in Prakasam district. 3. Net sown area in project locations post intervention doubled as compared to control locations in both Guntur and Prakasam districts. 4. Households owning livestock: 62% in Guntur watershed villages as compared to 38% in control villages of Guntur and 51% in Prakasam watershed villages as compared to 18% in control villages of Prakasam. 5. There is considerable awareness amongst project beneficiaries who take active interest, through participation and contribution, in the maintenance of water harvesting structures. 6. As compared to control villages, the project villages have shown visible income diversification directly or indirectly through enhanced water supply for cultivation thereby increasing income levels. <p>Areas for Improvement</p> <ol style="list-style-type: none"> 1. Requirement of detailed baseline assessments with data related to ecological and agriculture aspects, in addition to socio-economic details. This becomes vital to such assessments since the adoption of recall methods to gather pre-intervention data may not be in accurate estimation. 	
<p><i>In case you would like to know more on the study please write to us at: itcmask@itc.in</i></p>	